

# Lloyd's Register of Shipping.

Order: 64062.  
R.V. 6 M. 345.

(Report on Machinery, No. \_\_\_\_\_)

Port \_\_\_\_\_)

No. 38/56

## ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~and castings~~ as herein described, manufactured by Messrs. Humboldt-Deutzmotoren A.G., of Köln-Kalk for the Engines No. \_\_\_\_\_ being constructed by Messrs. Humboldt-Deutzmotoren A.G., of Köln-Deutz for the Ship No. 35, being built by Messrs. Clelands (Successors) Ltd. of Newcastle-on-Tyne have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Köln-Deutz.

Mark on Forgings or Castings.

Düsseldorf 5th August 1936.

Lloyd's

No. 16373, 16374, 16376, 16382, 16383.

K.H. 9.7.36.

	<del>CASTINGS</del>	<del>CASTINGS</del>	<del>CASTINGS</del>	TUBE SHAFT.
	2 connecting rods	2 connecting rods	2 connecting rods	SCREW SHAFT.
	<del>XXXXXXXXXX</del> 16373, 16374	<del>XXXXXXXXXX</del> 16376, 16382	<del>XXXXXXXXXX</del> 16383	
Material*	Siemens	Martin	Ingot Steel	
How made	forged	forged	forged	
If Annealed...	heat treated	heat treated	heat treated	
Dimensions				
Weight				
Weight, Castings				
Progress on Inspection	rough turned	rough turned	rough turned	
Tests on Standard Test Pieces.	.788 3"	.788 3"	.788 3"	
Tensile Test—	35,2 34,7	35,3 33,5	35,7	
Tons per square inch	28,0 28,0	28,0 28,0	28,0	
Extension per cent				
Cold Bending Test—	180 degr. good	180 degr. good	180 degr. good	
Angle before fracture				
Dates when Inspected	9.7.36.	9.7.36.	9.7.36.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The material has been ordered to special requirements.—

Fee (if any chargeable)

To be paid at Düsseldorf.

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.